

# EAST Search History (29 pp)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11232	((257/59) or (257/72) or (257/250) or (257/270) or (257/346) or (257/346) or (257/351) or (257/387) or (257/355) or (257/356) or (257/390) or (257/391) or (257/392) or (257/393) or (257/394) or (257/395) or (257/406)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/16 00:05
L2	50	1 and ("high"\$3 near1 voltage high-voltage) and ("low"\$3 near1 voltage low-voltage) and (sub-gate subgate "sub" adj gate auxiliary adj gate third adj gate additional adj gate) and (lightly adj doped adj drain LDD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 00:09
L3	0	((okumura near1 hiroshi).in. nec.as.) and ("high"\$3 near1 voltage high-voltage).clm. and ("low"\$3 near1 voltage low-voltage).clm. and (sub-gate subgate "sub" adj gate auxiliary adj gate third adj gate additional adj gate).clm. and (lightly adj doped adj drain LDD).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 00:10
S1	2	jp-05335573\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/27 16:09
S2	0	jp-200345892\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 16:37
S3	2	jp-2003045892\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 16:37
S4	2	jp-08250742\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 16:37
S5	2	jp-11307777\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 16:37

## EAST Search History

S6	2	jp-2000353811\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 16:41
S7	10	S1 S2 S3 S4 S5 S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 17:11
S8	5	"773333".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 16:44
S9	18	(tft thin adj film adj transistor) and overlap near6 ("low" "high") near2 voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 17:05
S10	4455	"low" near2 voltage and "high" near2 voltage and (tft thin adj film adj transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 17:09
S11	80	"low" near2 voltage near20 gate adj (insulation insulating oxide) and "high" near2 voltage near20 gate adj (insulation insulating oxide) and (tft thin adj film adj transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 17:10
S12	5683	((257/59) or (257/72) or (257/351) or (257/355) or (257/356) or (257/390) or (257/391) or (257/392) or (257/393) or (257/394) or (257/395) or (257/406)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/05 17:39
S13	19	S12 and gate adj insulat\$3.clm. and "high" adj2 voltage.clm. and "low" adj2 voltage.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 17:44
S14	133	(257/406).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:44

## EAST Search History

S15	42	(US-20040195568-\$ or US-20040046174-\$ or US-20030025127-\$ or US-20020149056-\$ or US-20020135554-\$ or US-20020042170-\$ or US-20020041350-\$ or US-20020030190-\$ or US-20020024048-\$ or US-20010013912-\$ or US-20010000755-\$ or US-20040026750-\$ or US-20020084490-\$).did. or (US-6856360-\$ or US-6657228-\$ or US-6452211-\$ or US-6426787-\$ or US-6420988-\$ or US-6400434-\$ or US-6384886-\$ or US-6368904-\$ or US-6316787-\$ or US-6303963-\$ or US-6294815-\$ or US-6165824-\$ or US-6163055-\$ or US-6115094-\$ or US-5528056-\$ or US-6597046-\$ or US-5468987-\$).did. or (JP-2003045892-\$ or JP-2000353811-\$ or JP-11307777-\$ or JP-08250742-\$ or JP-05335573-\$ or JP-54015678-\$ or JP-02222169-\$).did. or (US-20030025127-\$ or JP-2000353811-\$ or JP-11307777-\$ or JP-08250742-\$ or JP-05335573-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/03/05 18:05
S16	317	(257/391).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/05 18:06

## EAST Search History

S17	46	(US-20040195568-\$ or US-20040046174-\$ or US-20030025127-\$ or US-20020149056-\$ or US-20020135554-\$ or US-20020042170-\$ or US-20020041350-\$ or US-20020030190-\$ or US-20020024048-\$ or US-20010013912-\$ or US-20010000755-\$ or US-20040026750-\$ or US-20020084490-\$ or US-20020190343-\$ or US-20020117723-\$).did. or (US-6856360-\$ or US-6657228-\$ or US-6452211-\$ or US-6426787-\$ or US-6420988-\$ or US-6400434-\$ or US-6384886-\$ or US-6368904-\$ or US-6316787-\$ or US-6303963-\$ or US-6294815-\$ or US-6165824-\$ or US-6163055-\$ or US-6115094-\$ or US-5528056-\$ or US-6597046-\$ or US-5468987-\$ or US-6541823-\$ or US-5576556-\$).did. or (JP-2003045892-\$ or JP-2000353811-\$ or JP-11307777-\$ or JP-08250742-\$ or JP-05335573-\$ or JP-54015678-\$ or JP-02222169-\$).did. or (US-20030025127-\$ or JP-2000353811-\$ or JP-11307777-\$ or JP-08250742-\$ or JP-05335573-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/03/05 18:33
S18	5	S17 and double adj gate	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/03/05 18:35
S19	2	S17 and ((additional extra second double) adj gate sub-gate) near5 (withstand break-down breakdown) near2 voltage	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/03/05 18:47
S20	326	(257/392).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/05 18:57
S21	138	(257/270).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/05 18:59
S22	264	(257/346).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/05 19:06
S23	159	(257/387).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/16 12:38

## EAST Search History

S24	5	"low" near1 voltage near10 (tft thin adj film adj transistor) near10 (self-alignment selfaligned overlap overlapping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 19:14
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## EAST Search History

S25	82	(US-20040195568-\$ or US-20040046174-\$ or US-20030025127-\$ or US-20020149056-\$ or US-20020135554-\$ or US-20020042170-\$ or US-20020041350-\$ or US-20020030190-\$ or US-20020024048-\$ or US-20010013912-\$ or US-20010000755-\$ or US-20040026750-\$ or US-20020084490-\$ or US-20020190343-\$ or US-20020117723-\$ or US-20030132500-\$).did. or (US-6856360-\$ or US-6657228-\$ or US-6452211-\$ or US-6426787-\$ or US-6420988-\$ or US-6400434-\$ or US-6384886-\$ or US-6368904-\$ or US-6316787-\$ or US-6303963-\$ or US-6294815-\$ or US-6165824-\$ or US-6163055-\$ or US-6115094-\$ or US-5528056-\$ or US-6597046-\$ or US-5468987-\$ or US-6541823-\$ or US-5576556-\$ or US-6847080-\$ or US-6847088-\$ or US-6853030-\$ or US-6770940-\$ or US-6653694-\$ or US-6646313-\$ or US-6627963-\$). did. or (US-6593191-\$ or US-6586805-\$ or US-6579736-\$ or US-6563182-\$ or US-6559489-\$ or US-6492690-\$ or US-6380590-\$ or US-6333541-\$ or US-6300663-\$ or US-6271572-\$ or US-6267479-\$ or US-6265739-\$ or US-6251732-\$ or US-6198140-\$ or US-6191460-\$ or US-6175138-\$ or US-6166417-\$ or US-6093594-\$ or US-5696400-\$ or US-5654577-\$ or US-4205330-\$ or US-4183040-\$ or US-4104784-\$ or US-4085498-\$ or US-6157062-\$ or US-6064096-\$ or US-5736750-\$). did. or (US-6469348-\$).did. or (JP-2003045892-\$ or JP-2000353811-\$ or JP-11307777-\$ or JP-08250742-\$ or JP-05335573-\$ or JP-54015678-\$ or JP-02222169-\$).did. or (US-20030025127-\$ or JP-2000353811-\$ or JP-11307777-\$ or JP-08250742-\$ or JP-05335573-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/03/05 19:19
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## EAST Search History

S26	10	(JP-05335573-\$ or JP-08250742-\$ or JP-11307777-\$ or JP-2000353811-\$ or JP-2003045892-\$).did. or (JP-05335573-\$ or JP-08250742-\$ or JP-11307777-\$ or JP-2000353811-\$ or US-20030025127-\$).did.	JPO; DERWENT	OR	OFF	2005/03/05 19:43
S27	1	("6509602").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 19:51
S28	14	S25 and (overlap overlapping) near4 (source drain gate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 19:52
S29	1	ikeda.in. and yamazaki.in. and thinner.ab. and gate and pixel and TFT.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 20:16
S30	465	(overlap overlapping) near10 (self-alignment self-aligned) and gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 21:34
S31	207	(overlap overlapping) near4 (self-alignment self-aligned) and gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 21:34
S32	102	(overlap overlapping) near4 (self-alignment self-aligned) near4 gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 21:35
S33	22	(overlap overlapping) near4 (self-alignment self-aligned) near4 gate and tft	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 21:35

## EAST Search History

S34	82	(US-20010000755-\$ or US-20010013912-\$ or US-20020024048-\$ or US-20020030190-\$ or US-20020041350-\$ or US-20020042170-\$ or US-20020084490-\$ or US-20020117723-\$ or US-20020135554-\$ or US-20020149056-\$ or US-20020190343-\$ or US-20030025127-\$ or US-20030132500-\$ or US-20040026750-\$ or US-20040046174-\$ or US-20040195568-\$).did. or (US-4085498-\$ or US-4104784-\$ or US-4183040-\$ or US-4205330-\$ or US-5468987-\$ or US-5528056-\$ or US-5576556-\$ or US-5654577-\$ or US-5696400-\$ or US-5736750-\$ or US-6064096-\$ or US-6093594-\$ or US-6115094-\$ or US-6157062-\$ or US-6163055-\$ or US-6165824-\$ or US-6166417-\$ or US-6175138-\$ or US-6191460-\$ or US-6198140-\$ or US-6251732-\$ or US-6265739-\$ or US-6267479-\$ or US-6271572-\$ or US-6294815-\$ or US-6300663-\$). did. or (US-6303963-\$ or US-6316787-\$ or US-6333541-\$ or US-6368904-\$ or US-6380590-\$ or US-6384886-\$ or US-6400434-\$ or US-6420988-\$ or US-6426787-\$ or US-6452211-\$ or US-6469348-\$ or US-6492690-\$ or US-6541823-\$ or US-6559489-\$ or US-6563182-\$ or US-6579736-\$ or US-6586805-\$ or US-6593191-\$ or US-6597046-\$ or US-6627963-\$ or US-6646313-\$ or US-6653694-\$ or US-6657228-\$ or US-6770940-\$ or US-6847080-\$ or US-6847088-\$ or US-6853030-\$). did. or (US-6856360-\$).did. or (JP-02222169-\$ or JP-05335573-\$ or JP-08250742-\$ or JP-11307777-\$ or JP-2000353811-\$ or JP-2003045892-\$ or JP-54015678-\$).did. or (JP-05335573-\$ or JP-08250742-\$ or JP-2000353811-\$ or JP-11307777-\$ or US-20030025127-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/03/06 07:33
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## EAST Search History

S35	3	S34 and yanai.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/03/06 07:40
S36	28	(self-aligned self-aligning self-alignment) near10 ("."ANG." ".mu.m" micron nm nanometer Angstrom) and tft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/06 07:45
S37	22	(self-aligned self-aligning self-alignment) and LDD and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/06 07:55
S38	15	(self-aligned self-aligning self-alignment) and LDD and "low" near1 voltage and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/06 07:56
S39	15	(self-aligned self-aligning self-alignment) and LDD and "low" near1 voltage and "high" near1 voltage and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/06 08:05
S40	126	LDD near4 "low" near1 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/06 08:05
S41	14	LDD near4 "low" near1 voltage and tft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/06 08:36
S42	5	LDD near4 "low" near1 voltage and tft and (self-aligned self-aligning self-alignment selfaligned selfalignment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/06 08:36
S43	238	second adj electrode near6 TFT	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/06 10:21

## EAST Search History

S44	19	split-gate and TFT	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/06 10:27
S45	131	separate near1 gate and TFT	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/06 12:22
S46	60	separate near1 gate and TFT	US-PGPUB	OR	OFF	2005/03/06 12:25
S47	654	double adj gate and tft	US-PGPUB	OR	OFF	2005/03/06 12:26
S48	15	double adj gate.ti,ab,clm. and tft	US-PGPUB	OR	OFF	2005/03/06 12:48
S49	2	(overlap overlapping) near6 gate near6 ("."mu.m" ".ANG." nm nanometer micron) and tft.ti,ab,clm.	US-PGPUB; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 13:01
S50	7	(overlap overlapping) near6 gate near6 ("."mu.m" ".ANG." nm nanometer micron) and tft	US-PGPUB; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 13:36
S51	83	(overlap overlapping) near6 ("."mu. m" ".ANG." nm nanometer micron) and tft	US-PGPUB; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 13:36
S52	10	(JP-2003045892-\$ or JP-2000353811-\$ or JP-05335573-\$ or JP-11307777-\$ or JP-08250742-\$).did. or (JP-2000353811-\$ or US-20030025127-\$ or JP-08250742-\$ or JP-11307777-\$ or JP-05335573-\$).did.	JPO; DERWENT	OR	OFF	2005/03/06 13:50
S53	11	(JP-2003045892-\$ or JP-2000353811-\$ or JP-05335573-\$ or JP-11307777-\$ or JP-08250742-\$).did. or (JP-2000353811-\$ or US-20030025127-\$ or JP-08250742-\$ or JP-11307777-\$ or JP-05335573-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/06 13:52
S54	266	width near4 gate adj electrode and (overlap overlapping) near6 gate near6 drain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/06 13:52

## EAST Search History

S55	144	width near4 gate adj electrode and (overlap overlapping) near6 gate near6 drain and tft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 13:52
S56	47	width near4 gate adj electrode and (overlap overlapping) near6 gate near6 drain and tft.ti,ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 13:56
S57	7	width near4 gate adj electrode and (overlap overlapping) near6 gate near6 drain near6 ("mu.m" nm ".ANG.") and tft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 13:57
S58	2	jp-05335573\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 09:53
S59	2	jp-08250742\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 08:41
S60	0	jp-200345892\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 08:41
S61	2	jp-2003045892\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 08:41
S62	346	gate adj electrode near4 polysilicon. ti,ab,clm. and (tft thin adj film adj transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 09:53
S63	325	gate adj electrode near4 polysilicon. ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 09:54
S64	41	gate adj electrode near4 polysilicon. ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. and polysilicon adj tft	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 09:55

## EAST Search History

S65	7	gate adj electrode near4 polysilicon.ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. and polysilicon adj tft.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 10:19
S66	0	gate adj electrode near4 polysilicon.ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. and polysilicon adj tft.ti. and polysilicon adj tft near4 polysilicon near4 gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 09:56
S67	0	gate adj electrode near4 polysilicon.ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. and polysilicon adj tft.ti. and polysilicon adj tft near10 polysilicon near10 gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 09:56
S68	0	gate adj electrode near4 polysilicon.ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. and polysilicon adj tft.ti. and polysilicon adj tft same polysilicon near10 gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 09:56
S69	2	jp-2000058849\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 10:22
S70	2	jp-11307777\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 10:28
S71	2	jp-2003017502\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 14:14
S72	2	"20020195604".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 10:29
S73	8649	((257/59) or (257/72) or (257/270) or (257/346) or (257/351) or (257/355) or (257/356) or (257/387) or (257/390) or (257/391) or (257/392) or (257/393) or (257/394) or (257/395)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 12:40

## EAST Search History

S74	1420	S73 and (third three) near4 gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 12:40
S75	657	S73 and (third three) near4 gate and (tft otft thin adj film adj transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 12:41
S76	2	(gate adj stack gate-stack) and (thin adj film adj transistor tft otft) and 257/270.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 14:16
S77	182	(gate adj stack gate-stack) and (thin adj film adj transistor tft otft)"ti,ab, clm."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 14:17
S78	8	(gate adj stack gate-stack) and (thin adj film adj transistor tft otft).ti,ab, clm. and (overlap overlaps overlapping overlapped) and (self-aligned self-alignment self-align)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 14:19
S79	0	(gate adj stack gate-stack) and (thin adj film adj transistor tft otft).ti,ab, clm. and (overlap overlaps overlapping overlapped) and (self-aligned self-alignment self-align) and low-voltage and high-voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 14:19
S80	6	(gate adj stack gate-stack) and (thin adj film adj transistor tft otft).ti,ab, clm. and (overlap overlaps overlapping overlapped) and (self-aligned self-alignment self-align) and ("low" adj voltage "lower" adj voltage low-voltage and "higher" adj voltage "high" adj voltage high-voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 14:20
S81	2	jp-05335573\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:27

## EAST Search History

S82	2	("5396084").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:42
S83	127	mondt.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:47
S84	462	(tft otft thin adj film adj transistor). ti,ab,clm. and (self-align\$2 self-alignment selfalign\$2 selfalignment) and ((voltage near4 ("high" "higher")) high-voltage) and ((voltage near4 ("low" "lower")) low-voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:58
S85	440	(tft otft thin adj film adj transistor). ti,ab,clm. and (self-align\$2 self-alignment selfalign\$2 selfalignment) and ((voltage near4 ("high" "higher")) high-voltage) and ((voltage near4 ("low" "lower")) low-voltage) and (thick thickness thicker)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:59
S86	307	(tft otft thin adj film adj transistor). ti,ab,clm. and (self-align\$2 self-alignment selfalign\$2 selfalignment) and ((voltage near4 ("high" "higher")) high-voltage) and ((voltage near4 ("low" "lower")) low-voltage) and (thick thickness thicker) near6 gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:59
S87	278	(tft otft thin adj film adj transistor). ti,ab,clm. and (self-align\$2 self-alignment selfalign\$2 selfalignment) and ((voltage near4 ("high" "higher")) high-voltage) and ((voltage near4 ("low" "lower")) low-voltage) and (thick thickness thicker) near6 gate near6 (insulation insulating oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 15:00

## EAST Search History

S88	0	(additional second third separate) near4 gate.clm. and (low-voltage (("lower" "low") near2 voltage)). clm. and (high-voltage ("higher" "high") near2 voltage)).clm. and (thin adj film near2 transistor tft otft).clm. and (overlap overlapped overlaps overlapping).clm. and (self-align self-alignment self-aligned self-aligning).clm. and (thick thickness thicker).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 16:36
S89	2	jp-2000058849\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 17:10
S90	2	jp-11307777\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 17:08
S91	2	jp-2003017502\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 16:37
S92	2	"20020195604".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 17:10
S93	8	S89 S90 S91 S92	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/16 16:37
S94	2	("20030025127").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 16:59
S95	2	jp-2003017502\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 11:56
S96	5	"773333".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 12:18

## EAST Search History

S97	1	(low-voltage "low" adj voltage) and (tft thin adj film adj transistor) and (self-align\$3 self-aligned self-alignment selfalign\$3 selfalignment) and overlap near4 ("mu.m" micron ">ANG." Angstrom Angstroem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 12:20
S98	1	(low-voltage "low" adj voltage) and (tft thin adj film adj transistor) and (self-align\$3 self-aligned self-alignment selfalign\$3 selfalignment) and overlap near4 ("mu.m" micron "ANG." Angstrom Angstroem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 12:21
S99	1	(low-voltage "low" adj voltage) and (tft thin adj film adj transistor) and (self-align\$3 self-aligned self-alignment selfalign\$3 selfalignment) and (overlapping overlapped overlap) near4 ("mu.m" micron "ANG." Angstrom Angstroem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 12:22
S100	14	(tft thin adj film adj transistor) and (self-align\$3 self-aligned self-alignment selfalign\$3 selfalignment) and (overlapping overlapped overlap) near4 ("mu.m" micron "ANG." Angstrom Angstroem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 12:59
S101	2219	(self-alignment self-align\$3 selfalign\$3 selfalignment).ti,ab,clm. and (LDD lightly adj doped adj drain lightly-doped adj drain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 13:00
S102	2219	(self-alignment self-align\$3 selfalign\$3 selfalignment).ti,ab,clm. and (LDD lightly adj doped adj drain lightly-doped adj drain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 13:00
S103	1012	(self-alignment self-align\$3 selfalign\$3 selfalignment).ti,ab,clm. and (LDD lightly adj doped adj drain lightly-doped adj drain).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 13:00
S104	136	(self-alignment self-align\$3 selfalign\$3 selfalignment).ti,ab,clm. and (LDD lightly adj doped adj drain lightly-doped adj drain).ti,ab,clm. and (thin adj film adj transistor tft otft).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 13:05

## EAST Search History

S10 5	5	(self-alignment self-align\$3 selfalign\$3 selfalignment).ti,ab,clm. and (LDD lightly adj doped adj drain lightly-doped adj drain).ti,ab,clm. and (thin adj film adj transistor tft otft).ti,ab,clm. and hot adj electron adj effect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 13:05
S10 6	9	(self-alignment self-align\$3 selfalign\$3 selfalignment).ti,ab,clm. and (LDD lightly adj doped adj drain lightly-doped adj drain).ti,ab,clm. and (thin adj film adj transistor tft otft).ti,ab,clm. and hot adj electron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 13:05
S10 7	9207	((257/72) or (257/59) or (257/270) or (257/346) or (257/351) or (257/387) or (257/355) or (257/356) or (257/390) or (257/391) or (257/392) or (257/393) or (257/394) or (257/395) or (257/406)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 15:49
S10 8	3	S107 and (thin adj film adj transistor tft otft) and (high\$3 near1 voltage) and (low\$3 near1 voltage) and gate near2 (silicide near3 (silicon semiconductor)) and overlap\$4 near6 (source drain gate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 11:27
S10 9	2	JP-2000193774\$-.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/01 12:26
S11 0	11789	257/72 257/59 257/270 257/346 257/351 257/387 257/355 257/356 257/390 257/391 257/392 257/393 257/394 257/395 257/406	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 15:50
S11 1	6806	((self-align\$4 selfalign\$4) gate near3 (drain source) near3 overlap) and (thin adj film adj transistor tft otft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 15:53
S11 2	1213	((self-align\$4 selfalign\$4) (gate near3 (drain source) near3 overlap)).ti,ab,clm. and (thin adj film adj transistor tft otft).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:10
S11 3	18	((self-align\$4 selfalign\$4) (gate near3 (drain source) near3 overlap)).ti,ab,clm. and (thin adj film adj transistor tft otft).ti,ab,clm. and third adj gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:29

## EAST Search History

S11 4	0	(thickness thick) near6 gate adj electrode and "773333".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:30
S11 5	1	(thickness thick) near6 (gate adj electrode) and "773333".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:37
S11 6	1	(thickness thick) near6 (gate adj electrode) and "773333".ap. and (thick thickness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:46
S11 7	1	overlap\$4 near4 (second adj gate) and "773333".ap. and (thick thickness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:48
S11 8	1	overlap\$4 near4 (second adj gate) and "773333".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:49
S11 9	0	overlap\$4 near10 ".mu.m" and "773333".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:49
S12 0	1	overlap\$4 and "773333".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 17:06
S12 1	0	".mu.m" and "773333".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 16:50
S12 2	296	(overlap\$4 near4 gate).ti,ab,clm. and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 17:10
S12 3	257	(overlap\$4 near4 gate).ti,ab,clm. and S112 and @ad<"20040210"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:17

## EAST Search History

S12 4	218	(overlap\$4 near4 gate near4 (source drain)).ti,ab,clm. and S112 and @ad<"20040210"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:18
S12 5	0	(overlap\$4 near4 gate near4 (source drain) near4 nm).ti,ab,clm. and S112 and @ad<"20040210"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:18
S12 6	1	(overlap\$4 near4 gate near4 (source drain) near4 micron).ti,ab, clm. and S112 and @ad<"20040210"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:22
S12 7	5	(overlap\$4 near4 gate near4 (source drain) near4 micron).ti,ab, clm. and @ad<"20040210"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 18:22
S12 8	10	(JP-2003045892-\$ or JP-2000353811-\$ or JP-11307777-\$ or JP-08250742-\$ or JP-05335573-\$).did. or (JP-11307777-\$ or JP-08250742-\$ or JP-05335573-\$ or US-20030025127-\$ or JP-2000353811-\$).did.	JPO; DERWENT	OR	OFF	2006/09/18 19:16
S12 9	4	S128 and (thick thickness) near4 gate	JPO; DERWENT	OR	ON	2006/09/18 19:16

## EAST Search History

S13 0	93	(US-20040195568-\$ or US-20010000755-\$ or US-20010013912-\$ or US-20020030190-\$ or US-20020041350-\$ or US-20020042170-\$ or US-20020135554-\$ or US-20020149056-\$ or US-20030025127-\$ or US-20040048422-\$ or US-20020024048-\$ or US-20040206956-\$ or US-20040046174-\$ or US-20020195604-\$ or US-20030132500-\$ or US-20050167668-\$ or US-20040257486-\$ or US-20020117723-\$ or US-20040012023-\$ or US-20020190343-\$ or US-20020139978-\$ or US-20030124778-\$ or US-20040026750-\$ or US-20020084490-\$).did. or (US-6627963-\$ or US-6856360-\$ or US-5736750-\$ or US-6657228-\$ or US-4085498-\$ or US-6271572-\$ or US-6563182-\$ or US-6559489-\$ or US-6157062-\$ or US-4183040-\$ or US-6853030-\$ or US-5654577-\$ or US-6847088-\$ or US-6541823-\$ or US-5468987-\$ or US-6064096-\$ or US-6333541-\$ or US-6653694-\$ or US-6166417-\$ or US-5576556-\$ or US-6191460-\$ or US-6251732-\$ or US-6300663-\$ or US-6593191-\$ or US-6198140-\$ or US-6586805-\$). did. or (US-6175138-\$ or US-6384886-\$ or US-5696400-\$ or US-6452211-\$ or US-6426787-\$ or US-6294815-\$ or US-6316787-\$ or US-6115094-\$ or US-6368904-\$ or US-6420988-\$ or US-6646313-\$ or US-6770940-\$ or US-6163055-\$ or US-6469348-\$ or US-6093594-\$ or US-6380590-\$ or US-6267479-\$ or US-6579736-\$ or US-6492690-\$ or US-6847080-\$ or US-6597046-\$ or US-5528056-\$ or US-6400434-\$ or US-6303963-\$ or US-6165824-\$ or US-4104784-\$ or US-4205330-\$). did. or (US-6265739-\$ or US-5508216-\$).did. or (JP-2003045892-\$ or JP-2000353811-\$ or JP-11307777-\$ or JP-08250742-\$ or JP-05335573-\$ or JP-2000058849-\$ or JP-54015678-\$ or JP-02222169-\$ or JP-20002017502-\$).did. or	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/09/18 19:18
9/16/07	12:11:22 AM	C:\Documents and Settings\jmonday\My Documents\EAST\Workspaces\1077333.wsp				Page 20

## EAST Search History

S13 1	15	S130 and (thick thickness) near4 gates near4 ("same" equal)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/09/18 19:21
S13 2	415	(thick thickness) near4 "gates" near4 ("same" equal) and (thin adj film adj transistor tft)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/09/18 19:22
S13 3	113	(thick thickness) near4 "gates" near4 ("same" equal).ti,ab,clm. and (thin adj film adj transistor tft)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/09/18 19:28
S13 4	2	JP-2003017502\$-\$ did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/09/18 19:28
S13 5	15	gate near4 (source drain) near4 overlap\$4 near4 nm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 08:38
S13 6	68	gate near4 (source drain) near4 overlap\$4 near4 "mu.m"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 08:41
S13 7	21	gate near4 (source drain) near4 overlap\$4 near4 "mu.m" and (self-alignment self-aligned self-align)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 08:41
S13 8	11	("high" adj voltage near2 TFT) and ("low" adj voltage adj TFT)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:48
S13 9	54	("high" adj voltage near2 TFT) and ("low" adj voltage near2 TFT)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:03
S14 0	2	"20030025127".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:12

## EAST Search History

S14 1	2	"20030025127".pn. and (gate electrode polysilicon W)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:23
S14 2	1	"20030025127".pn. and (overlap "24" LDD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:23
S14 3	1	"20030025127".pn. and (overlap\$4 "24" LDD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:54
S14 4	2	"5053849".pn. and (overlap\$4 "24" LDD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:54
S14 5	2	"5053849".pn. and (W polysilicon gate electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:57
S14 6	0	TFT.ti,ab,clm. and ("low" adj voltage) same (W with polysilicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:59
S14 7	0	(TFT thin adj film adj transistor).ti, ab,clm. and ("low" adj voltage) same (W with polysilicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:59
S14 8	0	(TFT thin adj film adj transistor) and gate same ("low" adj voltage) same (W with polysilicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:59
S14 9	0	(TFT thin adj film adj transistor) and gate same ("low" adj voltage) same (W near20 polysilicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:00
S15 0	58	(TFT thin adj film adj transistor) and gate with (W near6 polysilicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:18

## EAST Search History

S15 1	24	(TFT thin adj film adj transistor) and gate with (W near6 polysilicon) and (self-align\$4 self adj align\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:46
S15 2	2	jp-05335573\$-.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:00
S15 3	2511	(LDD lightly adj doped) near20 self-align\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:00
S15 4	1398	(LDD lightly adj doped) near4 self-align\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:01
S15 5	924	(LDD) near4 self-align\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:01
S15 6	300	(LDD) near4 self-align\$4 and tft	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:01
S15 7	41	(LDD) near4 self-align\$4.ti,ab,clm. and tft	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:37
S15 8	9829	((257/59) or (257/72) or (257/270) or (257/346) or (257/351) or (257/387) or (257/355) or (257/356) or (257/390) or (257/391) or (257/392) or (257/393) or (257/394) or (257/395) or (257/406)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 13:38
S15 9	260	S158 and ("low"\$3 near20 "high"\$3 near20 voltage) and overlap\$4 near10 gate near10 (impurity source drain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:40

## EAST Search History

S16 0	152	S158 and ("low">\$3 near20 "high">\$3 near20 voltage) and overlap\$4 near10 gate near10 (impurity source drain) and @ad<"20020210"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:50
S16 1	341	(hiroshi near2 okumura).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:51
S16 2	127	((hiroshi near2 okumura).in. nec.as.) and (tft thin adj film adj transistor).ti,ab,clm. and (overlap\$4 self-align\$4 self adj align\$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:53
S16 3	2	((hiroshi near2 okumura).in. nec.as.) and (tft thin adj film adj transistor).ti,ab,clm. and (overlap\$4 self-align\$4 self adj align\$4).clm. and gate adj (oxide insulati\$2) near4 (thick thickness).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 15:09
S16 4	2	jp-06244209\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 15:09
S16 5	4	("20030025127") or ("20030017502").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 14:00
S16 6	2	jp-2003017502\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 14:05
S16 7	7261	"high" near2 voltage and "low" near2 voltage and (tft thin adj film adj transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 14:06
S16 8	289	"high" near2 voltage and "low" near2 voltage and (tft thin adj film adj transistor) and second adj3 transistor and third adj3 gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 14:07

## EAST Search History

S16 9	2	("20040206956").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 08:17
S17 0	1	S169 and overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 10:56
S17 1	7	"380721".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 13:07
S17 3	2	("20040206956").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 13:15
S17 4	0	S173 and "Fig. 18"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 13:15
S17 5	1	S173 and "18"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 13:35
S17 6	2	("4692302").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:38
S17 7	1	"20040206956".pn. and overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 17:31
S17 8	0	"20040206956".pn. and overlap\$4 near10 voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 17:31
S17 9	0	"20040206956".pn. and overlap\$4 near10 (high-voltage low-voltage voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 17:32

## EAST Search History

S18 0	0	"20040206956".pn. and overlap\$4 near20 (high-voltage low-voltage voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 17:33
S18 1	0	"20040206956".pn. and overlap\$4 near20 ("141" high-voltage low-voltage voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 17:33
S18 2	0	"20040206956".pn. and overlap\$4 near20 ("14"\$1 high-voltage low-voltage voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 17:33
S18 3	2	"20040206956".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 17:33
S18 4	1	(US-20040195568-\$).did.	US-PGPUB	OR	OFF	2007/03/09 11:53
S18 5	1	(US-20040195568-\$).did. and (thick thickness)	US-PGPUB	OR	ON	2007/03/09 11:53

## EAST Search History

S18 6	98	(US-20040206956-\$ or US-20040195568-\$ or US-20040048422-\$ or US-20040046174-\$ or US-20030025127-\$ or US-20020149056-\$ or US-20020135554-\$ or US-20020030190-\$ or US-20020024048-\$ or US-20010013912-\$ or US-20020042170-\$ or US-20020041350-\$ or US-20010000755-\$ or US-20040026750-\$ or US-20020084490-\$ or US-20030132500-\$ or US-20020117723-\$ or US-20030124778-\$ or US-20020139978-\$ or US-20020190343-\$ or US-20040257486-\$ or US-20020175376-\$ or US-20040012023-\$ or US-20020195604-\$ or US-20050167668-\$).did. or (US-6657228-\$ or US-6856360-\$ or US-6452211-\$ or US-6426787-\$ or US-6420988-\$ or US-6400434-\$ or US-6384886-\$ or US-6368904-\$ or US-6316787-\$ or US-6303963-\$ or US-6294815-\$ or US-6165824-\$ or US-6163055-\$ or US-6115094-\$ or US-5528056-\$ or US-5696400-\$ or US-6646313-\$ or US-6300663-\$ or US-6198140-\$ or US-6597046-\$ or US-5468987-\$ or US-6847080-\$ or US-6770940-\$ or US-6847088-\$ or US-6627963-\$ or US-6541823-\$). did. or (US-6191460-\$ or US-6175138-\$ or US-6333541-\$ or US-6251732-\$ or US-5508216-\$ or US-5576556-\$ or US-6853030-\$ or US-6593191-\$ or US-6579736-\$ or US-6559489-\$ or US-6492690-\$ or US-6653694-\$ or US-6586805-\$ or US-6563182-\$ or US-6271572-\$ or US-6265739-\$ or US-6166417-\$ or US-6380590-\$ or US-6267479-\$ or US-6093594-\$ or US-5736750-\$ or US-5654577-\$ or US-4183040-\$ or US-4104784-\$ or US-4085498-\$ or US-4205330-\$ or US-6157062-\$). did. or (US-6064096-\$ or US-6469348-\$ or US-5672888-\$ or US-7038283-\$).did. or (JP-2003045892-\$ or	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/03/09 12:05
9/16/07	12:11:22 AM	JP-2003045892-\$ or JP-11307777-\$ or JP-2003045892-\$ or JP-05335573-\$ or 1D-07777169-\$ or 1D-54015678-\$	C:\Documents and Settings\mondu\My Documents\EAST\Workspaces\10773333.wsp			Page 27

## EAST Search History

S18 7	3	S186 and nakamura.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/03/09 15:13
S18 8	135	gate adj array and gate adj electrode near4 (thickness thick)	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/03/09 15:14
S18 9	16	gate adj array and gate adj electrode near4 (thickness thick) near4 ("same" equal)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/09 15:15
S19 0	0	gate adj array and gate adj electrode near4 (thickness thick) near4 ("same" equal) and (tft thin adj film adj transistor)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/09 15:15
S19 1	164	gate adj electrode near4 (thickness thick) near4 ("same" equal) and (tft thin adj film adj transistor)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/09 15:16
S19 2	88	gate adj electrode near2 (thickness thick) near2 ("same" equal) and (tft thin adj film adj transistor)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/09 15:44
S19 3	88	gate adj electrode near2 (thickness thick) near2 ("same" equal) and (tft thin adj film adj transistor) and (polysilicon gate)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/09 17:05
S19 4	14	third adj gate.ti,ab,clm. and (thin adj film adj transistor tft).ti,ab,clm. and (nec.as. (hiroshi near1 okumura).in.)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/09 17:08
S19 5	11542	((257/59) or (257/72) or (257/270) or (257/346) or (257/351) or (257/387) or (257/355) or (257/256) or (257/39\$1) or (257/406)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 17:09
S19 6	40	S195 and third adj gate.clm. and thin adj film adj transistor.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 17:09
S19 7	42	S195 and third adj gate.clm. and thin adj film adj transistor.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 17:09

## EAST Search History

S19 8	2	jp-2003017502\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 09:48
S19 9	1710	switched adj terminal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 16:09
S20 0	116	high adj voltage near1 transistor and low adj voltage near1 transistor and third adj gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 20:09
S20 1	48	high adj voltage near1 transistor and low adj voltage near1 transistor and third adj gate and @ad<"20030221"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 20:16
S20 2	18	(adjust adjusted adjustment adjusting) near3 (height distance) near3 voltage same gate and transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 20:18
S20 3	381	(257/250).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/15 21:31
S20 4	381	S203	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/15 20:40
S20 5	1	(US-20040195568-\$).did.	US-PGPUB	OR	OFF	2007/09/15 21:03
S20 6	0	(US-20040195568-\$).did. and gate near3 length	US-PGPUB	OR	ON	2007/09/15 21:03
S20 7	1	(US-20040195568-\$).did. and gate same length	US-PGPUB	OR	ON	2007/09/15 21:03
S20 8	1	(US-20040195568-\$).did. and gate near10 length	US-PGPUB	OR	ON	2007/09/15 21:03
S20 9	330	S203 and @ad<"20030221"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/16 00:04